Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 06:00 on Monday 25 Jan 2021 until 23:59 on Tuesday 26 Jan 2021

Forecast Issued on Monday 25 Jan 2021 at 03:52

Confidence: High for turning increasingly more settled Monday, then for unsettled and milder from mid-Tuesday. But medium for detail of extent and timing of the worst of conditions thereafter.

Headline for Monday 25 Jan 2021: Icy. Snow showers decaying into the afternoon. Very cold at height.

Mountain weather hazards on Monday 25 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers	Sunny intervals	Sunny intervals	Clear night	Clear night
Precipitation probability					
30%	30%	10%	10%	10%	10%

Forecast for Monday 25 Jan 2021

Weather: Ice slow to clear around the foothills while persisting elsewhere. Occasional wintry showers will ease from the south during the morning, with most if not all dry by afternoon as sunny spells increase. Clear this evening.

Chance of cloud free mountain/hill tops above 800m: 70% at first with bases lowering 500-700m at times, particularly in and around showers, becoming from late afternoon 90% plus.

Visibility: Good or very good, falling to a few kilometres in showers.

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Forecast for Monday 25 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	23/27 NW	21/25 NW	23/28 W	22/27 W	21/25 W	19/23 W	19/23 SW
600	14/20 W	12/17 W	13/19 W	13/19 W	13/17 SW	12/16 SW	12/16 SW
300	7/17 W	5/14 NW	9/17 W	8/18 W	7/15 SW	7/13 SW	7/13 SW
Valley	7/17 W	6/14 W	9/18 W	9/18 W	8/15 SW	8/14 SW	8/14 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-12	-3/-11	-3/-11	-3/-10	-3/-11	-3/-10	-3/-10
600	-1/-7	-1/-7	-0/-6	0/-5	-1/-6	-1/-6	-1/-6
300	0/-3	0/-2	2/-2	3/-1	1/-3	1/-3	1/-2
Valley	1/-2	1/-1	4/0	4/1	2/-1	2/-1	2/-1
Freezing Level*	300m	400m	400m	400m	200m	300m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill occasional at mid-levels widespread across higher peaks, with also some drifting.

Forecast for Tuesday 26 Jan 2021

Weather: Cloud soon thickening and lowering from the west bringing from mid-morning periods of snow falling as rain below around 400-500m. Some heavier outbreaks expected through the afternoon, but quite patchy and light for the evening.

Maximum wind: South to southeast 15-20 mph gusts 30 mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 800m: By day 50% at first becoming less than 10% from late morning as bases become extensive from 450-650m.

Visibility: Good becoming moderate or poor from late morning.

Temperature: **Valleys:** Minus 5 Celsius rising plus 4 Celsius during the afternoon
At 800m: Minus 2-3 Celsius
Freezing level: 500m

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Mountain Weather Forecast

Ground Conditions Supplement
Date - 22 January 2021
Time - 11.30am
Snow Above - 500 metres
Report By - Snowdon Warden

Route Taken
Llanberis path

Conditions
Depth of snow increases with altitude.
Paths difficult to follow.
Steep bank of snow at top of path.
Sections of ice on paths.
Freezing level varies but starts from approx. 600metres. The top of the PYG track has a steep bank of snow which requires crampons and ice axe to travel safely.
Essential Kit
The following is a list of additional kit required based on the current conditions.

Standard winter kit required.
Ice axe and crampons recommended.

Issued at: 03:52 on Mon 25 Jan 2021

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